

## GILA RIVER BASIN

## 09470750 RAMSEY CANYON NEAR SIERRA VISTA, AZ

**LOCATION**--Lat 31°26'48", long 110°18'21", in NW<sub>1/4</sub>SW<sub>1/4</sub>NW<sub>1/4</sub> sec. 10, T.23 S., R.20 E., Cochise County, Hydrologic Unit 15050202, on left bank 3.4 mi northwest of Nicksville, in the Coronado National Forest, and approximately 8.7 mi upstream from the confluence of the San Pedro River.

**DRAINAGE AREA**--Undetermined.

**PERIOD OF RECORD**--May 2000 to current year. Published as "near Nicksville, AZ" prior to October 2000.

**GAGE**--Water-stage recorder, crest stage gage, and V-notch sharp-crested weir. Elevation of gage is 5,525 ft above sea level from topographic map.

**REMARKS**--Records good except for estimated daily discharges, which are poor.

**EXTREMES FOR PERIOD OF RECORD**--Maximum discharge, 117 ft<sup>3</sup>/s Oct. 22, 2000, gage height 3.44 ft; no flow at times.

**EXTREMES FOR CURRENT YEAR**--Maximum discharge, 56 ft<sup>3</sup>/s Aug. 24 at 1645, gage height 3.05 ft. Minimum daily discharge, no flow for many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.03	0.01	0.05	0.05	0.38	1.4	0.48	0.26	0.10	0.01	0.01	3.6
2	0.03	0.02	0.05	0.05	0.40	1.3	0.47	0.25	0.10	0.01	0.01	3.9
3	0.03	0.02	0.05	e0.21	0.41	1.3	0.46	0.25	0.09	0.01	0.01	2.8
4	0.03	0.02	0.04	e1.3	0.47	1.3	0.44	0.24	0.09	0.01	0.01	2.4
5	0.02	0.02	0.05	e0.98	0.53	1.2	0.44	0.23	0.08	0.01	0.01	2.2
6	0.02	0.02	0.05	e0.49	0.58	1.2	0.43	0.23	0.07	0.01	0.01	1.9
7	0.02	0.02	0.04	e0.33	0.57	1.1	0.42	0.22	0.07	0.01	0.01	2.1
8	0.01	0.02	0.04	0.27	0.57	1.1	0.42	0.21	0.06	0.01	0.01	2.2
9	0.01	0.02	0.04	0.24	0.57	1.0	0.41	0.20	0.06	0.01	0.02	2.1
10	0.01	0.02	0.03	0.20	0.59	1.00	0.39	0.19	0.06	0.01	0.62	1.9
11	0.01	0.02	0.03	0.17	e0.89	0.95	0.39	0.18	0.05	0.01	0.27	1.7
12	0.01	0.02	0.03	0.17	e2.1	0.92	0.40	0.18	0.05	0.01	e9.0	1.6
13	0.01	0.02	0.03	0.17	e2.1	0.89	0.40	0.17	0.05	0.00	e12	1.4
14	0.01	0.02	0.03	0.18	2.4	0.86	0.38	0.16	0.04	0.00	7.5	1.3
15	0.01	0.03	0.03	0.19	2.2	0.83	0.37	0.14	0.04	0.00	6.0	1.2
16	0.01	0.03	0.03	0.21	2.2	0.78	0.36	0.14	0.04	0.00	3.0	1.1
17	0.01	0.03	0.03	0.24	2.2	0.74	0.35	0.13	0.03	0.00	2.5	1.2
18	0.01	0.03	0.03	0.26	2.2	0.71	0.33	0.13	0.03	0.00	3.1	0.97
19	0.01	0.03	0.03	0.28	2.1	0.69	0.32	0.12	0.03	0.00	4.9	0.90
20	0.01	0.03	0.04	0.30	2.0	0.67	0.30	0.11	0.03	0.00	3.0	0.81
21	0.01	0.03	0.04	0.34	1.8	0.66	0.32	0.09	0.03	0.00	2.3	0.66
22	0.01	0.03	0.04	0.35	1.8	0.64	0.31	0.09	0.03	0.00	2.1	0.62
23	0.01	0.04	0.04	0.34	1.7	0.61	0.31	0.09	0.03	0.00	2.3	0.57
24	0.01	0.04	0.04	0.36	1.6	0.61	0.33	0.11	0.03	0.00	e14	0.62
25	0.01	0.04	0.04	0.34	1.6	0.59	0.32	0.12	0.03	0.00	e20	0.68
26	0.01	0.04	0.04	0.40	1.5	0.57	0.30	0.13	0.02	0.00	12	e0.67
27	0.01	0.05	0.04	0.43	1.5	0.55	0.29	0.12	0.02	0.00	9.5	e0.65
28	0.01	0.04	0.04	0.41	1.4	0.53	0.28	0.13	0.02	0.00	7.9	e0.63
29	0.01	0.05	0.05	0.39	---	0.52	0.28	0.13	0.01	0.00	6.1	0.61
30	0.01	0.05	0.06	0.37	---	0.51	0.27	0.13	0.01	0.00	5.2	0.59
31	0.01	---	0.05	0.37	---	0.49	---	0.12	---	0.01	4.2	---
TOTAL	0.42	0.86	1.23	10.39	38.36	26.22	10.97	5.00	1.40	0.13	137.59	43.58
MEAN	0.01	0.03	0.04	0.34	1.37	0.85	0.37	0.16	0.05	0.00	4.44	1.45
MAX	0.03	0.05	0.06	1.3	2.4	1.4	0.48	0.26	0.10	0.01	20	3.9
MIN	0.01	0.01	0.03	0.05	0.38	0.49	0.27	0.09	0.01	0.00	0.01	0.57
MED	0.01	0.03	0.04	0.30	1.6	0.78	0.36	0.14	0.04	0.00	3.0	1.2
AC-FT	0.8	1.7	2.4	21	.76	52	22	9.9	2.8	0.3	273	86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	1.89	1.23	0.36	0.24	0.42	0.38	0.58	0.20	0.06	0.06	1.05	0.40
MAX	9.24	5.97	1.54	0.63	1.37	0.85	1.26	0.53	0.17	0.20	4.44	1.45
(WY)	2001	2001	2001	2001	2005	2005	2004	2001	2001	2005	2005	
MIN	0.01	0.03	0.04	0.05	0.05	0.06	0.05	0.01	0.00	0.00	0.00	0.01
(WY)	2005	2003	2004	2003	2003	2003	2002	2000	2002	2002	2003	2003

SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 2000 - 2005

ANNUAL TOTAL	70.64	276.15										
ANNUAL MEAN	0.19	0.76										
HIGHEST ANNUAL MEAN											1.89	2001
LOWEST ANNUAL MEAN											0.03	2003
HIGHEST DAILY MEAN	1.8	Apr 3	20	Aug 25							48	Oct 23 2000
LOWEST DAILY MEAN	0.01	Jul 31	0.00	Jul 13							0.00	Jun 4 2000
ANNUAL SEVEN-DAY MINIMUM	0.01	Aug 21	0.00	Jul 13							0.00	Jun 8 2000
ANNUAL RUNOFF (AC-FT)	140		548								428	
10 PERCENT EXCEEDS	0.63		2.0								1.2	
50 PERCENT EXCEEDS	0.05		0.17								0.07	
90 PERCENT EXCEEDS	0.01		0.01								0.00	

e Estimated